

AN 1994:440600 HCAPLUS  
 DN 121:40600  
 TI Manufacture of copper-iron alloy castings having high resistance to molten metal erosion and high-temperature strength for welding electrodes and **soldering** iron chips  
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 PA Nippon Steel Corp, Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 06081057	A2	19940322	JP 1992-232315	19920831
PRAI	JP 1992-232315		19920831		
AB	<b>Cu</b> alloys containing Fe 5-30, <b>Co</b> 0.0005-1.0, <b>Ti</b> 0.005-3.5, Cr 0.5-10, Mo 0.001-1.5, optionally <b>Zr</b> , Si, Al, <b>Ni</b> , <b>Zn</b> , <b>Sn</b> , <b>Nb</b> , P, La, <b>Ce</b> , Y, V, Ca, Be, Mg, and/or <b>Hf</b> 0.005-8 and C and/or B 0.005-2% are melted, cast, solution treated at 700-1000°, and aged at 300-650° for 100-1000 min to obtain the title castings.				